Year 3 maths: Fractions of shapes and groups (Easy)

Maths · Fractions
Level: Easy

Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

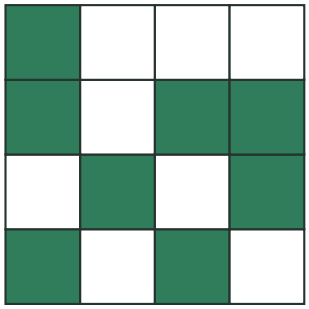
1. A strip is made of 8 squares. How many squares make one quarter of the strip?

Answer: ☐ squares

Working:

2. About what fraction of this grid is shaded?

Circle one answer.



○ **A** about one half
○ **B** about three quarters
○ **C** about one quarter

3. A cake is cut into 4 quarters. Dad eats one quarter and Ben eats one quarter. What fraction of the cake is left?

Circle one answer.

○ **A** one quarter ○ **B** three quarters ○ **C** one half

4. What is half of 12?

Circle one answer.

○ **A** 24 ○ **B** 6 ○ **C** 3

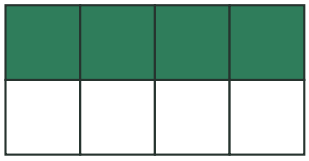
5. Two-thirds of a ribbon is 10 cm, so one third is 5 cm. How long is the whole ribbon?

Answer: _____ cm

Working:

6. What fraction of the grid is shaded?

Circle one answer.



○ **A** 1/2 ○ **B** 1/4 ○ **C** 1/8

7. What fraction of the strip is shaded?

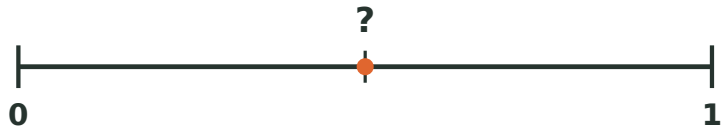
Circle one answer.



○ **A** 1/2 ○ **B** 1/4 ○ **C** 1/3

8. What fraction is at the question mark on this number line?

Circle one answer.



○ **A** 1/2 ○ **B** 1/3 ○ **C** 1/4

9. Three-quarters of a number is 6. What is one quarter of the number?

Circle one answer.

○ **A** 2 ○ **B** 18 ○ **C** 8

10. One third of a number is 4. What is two-thirds of the number?

Answer: _____

Working:

Answer key

Year 3 maths: Fractions of shapes and groups (Easy) · Sheet 519956

1. 2 squares

8 shared into 4 equal parts is 2.

2. A — about one half

8 of the 16 squares are shaded. Half of 16 is 8, so about one half of the grid is shaded.

3. C — one half

2 quarters are eaten, so 2 of the 4 quarters are left. 2 quarters is one half.

4. B — 6

Share 12 into 2 equal groups: 6 and 6.

5. 15 cm

3 thirds make the whole: 5 + 5 + 5 = 15 cm.

6. A — 1/2

8 squares, 4 shaded. 4 is half of 8: 1/2.

7. C — 1/3

3 squares, 1 shaded: 1/3.

8. A — 1/2

1 mark makes 2 equal jumps. The mark is 1 of 2 jumps: 1/2.

9. A — 2

6 is three quarters. Share 6 into 3: one quarter is 2.

10. 8

Two thirds is 2 lots of one third: 2 × 4 = 8.